

## DAT Conference Call Summary 4/08/2010

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### Salvage

Last week the loss of winter run length non-clipped Chinook was 24; the season total loss is 1,570. The 2% consultation level is 23,592.

The season salvage of non-clipped steelhead is 778 and clipped steelhead is 3,510. The consultation criterion for non-clipped steelhead is 3,000. There is no criterion for clipped steelhead.

Delta smelt were not salvaged at the SWP and CVP last week. The season total expanded salvage of delta smelt is 92 (76 CVP, 16 SWP). Smelt larval sampling started at the SWP on the 19<sup>th</sup>, and at the CVP on the 24<sup>th</sup>. No smelt larvae so far.

No longfin smelt this season.

The season salvage of green sturgeon is 0, and white sturgeon 8.

The week's salvage of splittail was 141; the season total is 1,035.

**NOTE: HATCHERY CHINOOK TAKE AT THE EXPORT FACILITIES CAN NOT BE DETERMINED FROM EITHER THE DFG REPORT OR FTP SITE, OR THE USBR WEBSITE. DFG AND USBR ONLY REPORT THE NUMBER OF CLIPPED CHINOOK IN A LENGTH CATEGORY WHICH IS MEANINGLESS IN TERMS OF PERMITTED TAKE LEVELS.**

## Salmonids

Chinook monitoring data can be viewed at <http://www.water.ca.gov/swp/operationscontrol/calfed/calfedmonitoring.cfm>

### FWS Monitoring

Mossdale trawl was turned over to DFG Region 4 on 3/28. To date 28 (assumed) fall run Chinook salmon have been collected at this site.

Sacramento River monitoring switched from mid-water trawl to Spring Kodiak Trawl on April 1<sup>st</sup>.

DOSS met this week and did not have additional advice given continuation of current combined export level, OMR flows, flows at Vernalis, San Joaquin River Inflow/Export ratio and Stanislaus River flows to comply with NMFS BiOp requirements.

DOSS will meet again on April 20<sup>th</sup>.

The DOSS summary can be viewed at <http://swr.nmfs.noaa.gov/ocap/doss.htm>

## Smelt

20mm Survey 2 completed a full survey (47 stations), sampling from 3/29 to 4/1. Processing is ongoing as of C.O.B on Wednesday, 4/7. Catch data from processed samples have been posted to (<http://www.dfg.ca.gov/delta/projects.asp?ProjectID=20mm>). To date, 3 delta smelt larvae have been collected in the Sacramento River system (stations 707 and 726). One adult delta smelt was collected in the Sacramento Deep Water Shipping Channel (station 719). Few, if any, more delta smelt larvae are expected to be identified in the remaining samples to be processed. Longfin smelt larval distribution continues to remain westward, with few larvae (<70) collected from both the Central and South Delta and Sacramento River system combined.

20mm Survey 3 will begin on Monday, 4/12.

(Note: fish >60mm are not displayed on the web-page).

Spring Kodiak Trawl survey 4 is currently in field this week. A full survey (40 stations) is expected to be completed by Thursday, 4/8. Data will be available the week of the 4/12. Delta smelt data from surveys 1 - 3 are available at <http://www.dfg.ca.gov/delta/projects.asp?ProjectID=SKT>.

SKT survey 5 is schedule for the week of May 3rd; this will be the last SKT survey for 2010.

Smelt Larval survey 6 completed a full survey (35 stations), sampling on 3/23 and 3/24. These data, along with previous survey data, are available at <http://www.dfg.ca.gov/delta/projects.asp?ProjectID=SLS>. Longfin smelt larval distribution has continued to remain downstream, with few larvae (<30) collected at the 12 SWP ITP criteria stations. Six delta smelt larvae, from two stations (706 and 716) have been collected in the SLS survey 6. SLS Survey 6 will most likely be the last larval survey for 2010.

The Smelt Work Group maintained the recommendation to operate to an OMR of -5,000 cfs for the week. SWG notes are available at [http://www.fws.gov/sacramento/es/OCAP\\_BO\\_actions.htm](http://www.fws.gov/sacramento/es/OCAP_BO_actions.htm)

SWG scheduled to meet Monday, April 12<sup>th</sup>.

A question was asked about what specifically the projects are watching and operating to in terms of fisheries. The DAT group concluded that juvenile delta smelt incidental take for the month of April is the primary element the projects and FWS are watching right now. The SWG and FWS continue to watch distribution of adult delta smelt, but feel entrainment risk is low at this time.

### Operations

Per the NMFS BO, combined exports will remain at 1,500cfs (700cfs SWP, 800cfs CVP). This level of exports will remain in effect until the end of May.

Per the NMFS BO, starting 4/1 target flow at Vernalis will be 3,000cfs. Currently, flow at Vernalis is running over 3,000cfs. As of midnight on 4/8 flow at Vernalis has ranged between 3860 – 3970cfs. Stanislaus River flow today is at 1,350cfs and is scheduled to drop to 1,000cfs on 4/9. This decrease is due to the high flows (>3,000cfs) at Vernalis.

VAMP will begin on 4/25/10 and go to 5/25/10.

The 14-day average OMR is around -2,247cfs. The 5-day average OMR is around 475cfs.

For the month of April, the projects must operate to comply with D-1641 water quality standards at Collinsville (entire month) and Chipps Island (27 days). Currently, we are meeting requirements with low EC (less than 2.64 mS/cm) and outflow level.

Feather River Basin QPF and other reports can be found at <http://www.water.ca.gov/floodmgmt/hafoo/hb/csm/forecasts.cfm>

Operations data can be viewed at <http://www.water.ca.gov/swp/operationscontrol/docs/deltaops.pdf>

NEXT DAT CONFERENCE CALL, THURSDAY, 4/15/2010, 11 am, 916/657-4108.